

HACK 207 (10200574)IN THE CLAIMS

Claims 1-57 (cancelled)

Claim 58 (New): A method of improving plant growth or soil condition, comprising applying to said plant or soil a composition comprising malt extract or spent grain liquor, wherein said composition contains less than 0.5% lime w/w.

Claim 59 (New): The method according to claim 58, wherein the composition comprises cations, free amino nitrogen, glucans, carbohydrates, sugars, amino acid peptides, and polyphenols.

Claim 60 (New): The method according to claim 58, wherein the malt extract or spent grain liquor is a by-product of a brewing process.

Claim 61 (New): The method according to claim 58, wherein the malt extract or spent grain liquor is a by-product of beer brewing.

Claim 62 (New): The method according to claim 58, wherein the composition comprises both soluble and insoluble material.

Claim 63 (New): The method according to claim 62, wherein the soluble material comprises one or more of simple sugars, free amino nitrogen, glucans, vitamins and calcines.

Claim 64 (New): The method according to claim 63, wherein the free amino nitrogen is a protein.

Claim 65 (New): The method according to claim 62, wherein the insoluble material comprises proteins and/or carbohydrates.

Claim 66 (New): The method according to claim 58, wherein the composition is a liquid or a solid.

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- Claim 67 (New): The method according to claim 66, wherein the solid is a dry powder.
- Claim 68 (New): The method according to claim 66, wherein said composition further comprises one or more bacteria and/or yeast.
- Claim 69 (New): The method according to claim 68, wherein the bacteria are a mixture of organisms selected from the group consisting of *Bacillus* spp, *Pseudomonas* spp, *Azotobacter* spp, *Nitrobacter* spp, *Azospirillum* spp, and *Derxia* spp.
- Claim 70 (New): The method according to claim 66, wherein said composition further comprises yeast extract and/or a yeast cell wall preparation.
- Claim 71 (New): The method according to claim 58, wherein said improving comprises prevention or inhibition of fungal growth.
- Claim 72 (New): The method according to claim 58, wherein the composition is applied by spray or mechanical spreader.
- Claim 73 (New): A method of improving plant growth or soil condition, comprising applying to said plant or soil an effective amount of malt extract or spent grain liquor.
- Claim 74 (New): The method of claim 73, comprising applying malt extract.
- Claim 75 (New): The method of claim 73, comprising applying spent grain liquor.
- Claim 76 (New): The method of claim 73, comprising applying spent grain liquor and malt extract.
- Claim 77 (New): A fertilizer composition comprising malt extract and spent grain liquor.